Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Tuesday 20 Dec 2022 until 23:59 on Wednesday 21 Dec 2022

Forecast Issued on Tuesday 20 Dec 2022 at 04:33

Confidence: High for occasionally unsettled, particularly from Wednesday, but lowering for the detail of worst of conditions.

Headline for Tuesday 20 Dec 2022: Early rain clearing, then mainly dry and bright with sunny spells.

Mountain weather hazards on Tuesday 20 Dec 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Sunny intervals	Sunny intervals	Partly cloudy (night)	Cloudy	Cloudy
Precipitation probability					
<05%	<05%	<05%	10%	<05%	10%

Forecast for Tuesday 20 Dec 2022

Weather: Any cloud and early showers should clear to the east around dawn, then a mainly dry day with bright or sunny spells. Some isolated showers are possible over the Pennines through the afternoon.

Chance of cloud-free hill tops above 600m: 90% plus

Low cloud and visibility: Very good becoming moderate or poor in showers, very poor within cloud with bases infrequently lowering 500m, chiefly in the early showers.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Tuesday 20 Dec 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	25/32 SW	29/38 SW	29/36 SW	26/34 SW	26/35 SW	25/36 SW	24/34 S
300	17/26 SW	20/30 SW	20/26 SW	18/27 SW	18/28 SW	18/29 SW	17/28 S
Valley	9/24 SW	10/28 SW	11/25 SW	10/25 SW	10/27 SW	10/28 SW	10/26 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-2	4/-3	4/-3	4/-2	3/-3	3/-3	3/-3
300	6/2	6/1	6/1	6/2	6/1	5/0	5/1
Valley	6/3	6/2	7/4	6/3	5/2	5/1	5/2
Freezing Level*	1100m	1100m	1000m	1000m	900m	900m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Severe wind chill across highest peaks.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Tue 20 Dec 2022	7mm	9.2mm	9.2mm

Forecast for Wednesday 21 Dec 2022

Weather: Cloudy through the morning with outbreaks of occasionally heavy rain or showers moving eastwards. Rain or showers clearing by mid-morning leaving a bright afternoon with sunny spells. Breezy throughout.

Maximum wind: Southwest mean 20-25mph with gusts reaching 35mph across most exposed ridges and summits.

Chance of cloud-free hill tops above 600m: 40% at first, becoming 70-80% during the morning.

Low cloud and visibility: Very good becoming moderate or poor in showers, very poor within cloud with bases frequently lowering 500m, mainly during the morning.

Temperature: **Valleys:** Plus 2 Celsius increasing 10 Celsius during the afternoon
At 600m: Plus 3 Celsius
Freezing level: 900-1000m

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